

SYSTEM AND METHOD FOR REGISTERING MOTION PICTURE FILM

Abstract of the Disclosure

5 A system and method for registering the frames of film with respect to an
aperture in a motion picture projector. A registration reference mark is applied to each
frame corresponding to the location of the frame on the film. When the film is
intermittently stopped in the projector's film gate, the registration reference mark is read
10 to determine the location of that frame relative to the immediately preceding frame. If
the frame in the gate is misregistered, the gate is moved to correctly register the frame
prior to projection. By properly registering the frames, the "jitter" and "weave"
associated with conventional projectors is eliminated and resolution of the projected
film image is enhanced.

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